

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	68	("1688795"   "1797339"   "1899492"   "1957673"   "1995051"   "2244027"   "2368576"   "2832343"   "3030960"   "3703898"   "3821956"   "3938517"   "4331651"   "4385633"   "6221060"   "6756048").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 14:00
S2	1302	teat mastitis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 14:03
S3	705	teat mastitis treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 14:03
S4	5	("2498374").URPN.	USPAT	AND	ON	2010/10/21 14:04
S5	9	("3071139").URPN.	USPAT	AND	ON	2010/10/21 14:05
S6	19	("4352792"   "4866080"   "5449794").PN. OR ("5861430").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/21 14:09
S7	0	biodegradable teat dilator	USPAT	AND	ON	2010/10/21 14:14
S8	0	degradable teat dilator	USPAT	AND	ON	2010/10/21 14:14
S9	4	teat dilator silicone	USPAT	AND	ON	2010/10/21 14:14

S10	2	teat dilator implant	USPAT	AND	ON	2010/10/21 14:14
S11	31	teat dilator	USPAT	AND	ON	2010/10/21 14:14
S12	60	("0876775"   "2450217"   "2704076"   "3030960"   "3385300").PN. OR ("3821956").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/21 14:15
S13	3	("4011312").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/21 14:42
S14	10	(US-2244027-\$ or US- 6221060-\$ or US- 5876452-\$ or US- 6013853-\$ or US- 4385633-\$ or US- 3821956-\$ or US- 1957673-\$ or US- 4011312-\$).did. or (US-2498374-\$ or US- 3071139-\$).did.	USPAT; USOCR	AND	ON	2010/10/21 18:51
S15	0	teat mastitis dilator protrusion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 20:57
S16	12	teat mastitis protrusion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 20:57
S17	502	teat mastitis device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 20:58
S18	98	teat mastitis device teat canal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 21:08

S19	8	teat mastitis device anchor canal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/21 21:12
S20	9	("1057299").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 08:51
S21	1	(10/572991).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 08:51
S22	1192348	s "14" and remove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:13
S23	10	(US-2244027-\$ or US- 6221060-\$ or US- 5876452-\$ or US- 6013853-\$ or US- 4385633-\$ or US- 3821956-\$ or US- 1957673-\$ or US- 4011312-\$).did. or (US-2498374-\$ or US- 3071139-\$).did.	USPAT; USOCR	AND	ON	2010/10/22 09:13
S24	4	S23 and remove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:13
S25	0	S23 and lactogenesis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:13
S26	1321	mastitis remove device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:14

S27	15	mastitis remove device lactogenesis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:14
S28	392	mastitis remove device dilatation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:15
S29	160	mastitis remove device dilatation canal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:15
S30	389	mastitis remove device dilatation cow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/22 09:17
S31	353	(604/514).CCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:41
S32	876	(604/104).CCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:41
S33	2806	(604/264).CCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:41
S34	28	(119/14.21).CCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:41

S35	49	(119/14.19).OCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:42
S36	0	teat streak occluder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:57
S37	0	udderoccluder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:57
S38	1	udder occluder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:57
S39	7032	udder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:58
S40	3052	udder cow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:58
S41	0	udder cow occluder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:58
S42	320	udder cow barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:58

S43	1454	udder cow device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:58
S44	249	udder cow plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:59
S45	247	udder cow plug not dilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 16:59
S46	92	udder cow plug infection not dilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:00
S47	104	udder cow plug mastitis not dilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:00
S48	5	udder cow plug involution not dilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:00
S49	5	udder cow plug involution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:00
S50	2118	udder cow milking not dilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:03

S51	84	udder cow milking cessation not dilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:04
S52	29	udder cow involution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/26 17:04
S53	24	("0488282"   "3476085"   "3659558"   "3967586"   "3967587"   "4269143"   "4303038"   "4452177"   "4530307"   "4537152"   "5161482"   "5178095"   "5218924"   "5291853").PN. OR ("6055931").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/26 17:09
S54	5	("2498374").URPN.	USPAT	AND	ON	2011/04/26 17:11
S55	376	(604/514).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 11:17
S56	896	(604/104).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 08:04
S57	16	S56 cow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 08:04

S58	14898	teat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 08:05
S59	125	teat streak	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 08:05
S60	1	(10/572991).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 08:18
S61	426	mastitis with prevention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 08:36
S62	140	teat epithelium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 08:42
S63	4	teat epithelium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 08:42
S64	1238	teat plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 09:00
S65	271	teat plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 09:00



S66	40	teat infection prevention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 09:07
S67	1	teat infection prevention and epithelium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 09:08
S68	96	lactogenesis and milk	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:10
S69	26	lactogenesis and milk and mastitis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:10
S70	132	lactogenesis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:11
S71	2	("5797872").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 15:18
S72	86	teat streak canal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 15:25
S73	63	teat streak canal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:25

S74	10	teat streak canal and plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:25
S75	63	teat streak canal \	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:30
S76	4	epithellum teat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/02 15:32
S77	527	streak canal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 15:46
S78	231	streak canal cow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/02 15:47
S79	4	("3938517").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 16:05
S80	11	("1899492"   "2368576"   "2832343"   "3690316"   "3703898").PN. OR ("3938517").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/02 16:05
S81	0	(128/271).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 16:06

S82	11	("1899492"   "2368576"   "2832343"   "3690316"   "3703898").PN. OR ("3938517").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/02 16:06
S87	402	(604/514).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/14 14:34
S88	924	(604/104).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/14 14:34
S89	28	(119/14.21).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/14 14:34
S90	49	(119/14.19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/14 14:34

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(604/264).CCLS.	UPAD	OR	OFF	2011/11/15 09:50
L2	2494	(604/264).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/15 09:50
S83	0	(604/104).CCLS.	UPAD	OR	OFF	2011/05/02 16:13
S84	4	(604/514).CCLS.	UPAD	OR	OFF	2011/05/02 16:13
S85	0	(119/14.21).CCLS.	UPAD	OR	OFF	2011/05/02 16:13
S86	0	(119/14.19).CCLS.	UPAD	OR	OFF	2011/05/02 16:13
S91	372	(604/514).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/14 13:41
S92	1	("0000104").PN.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/14 13:41
S93	806	(604/104).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/14 14:09

S94	16	(119/14.21).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/14 14:32
S95	28	(119/14.19).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/14 14:32

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